



FIG. 1

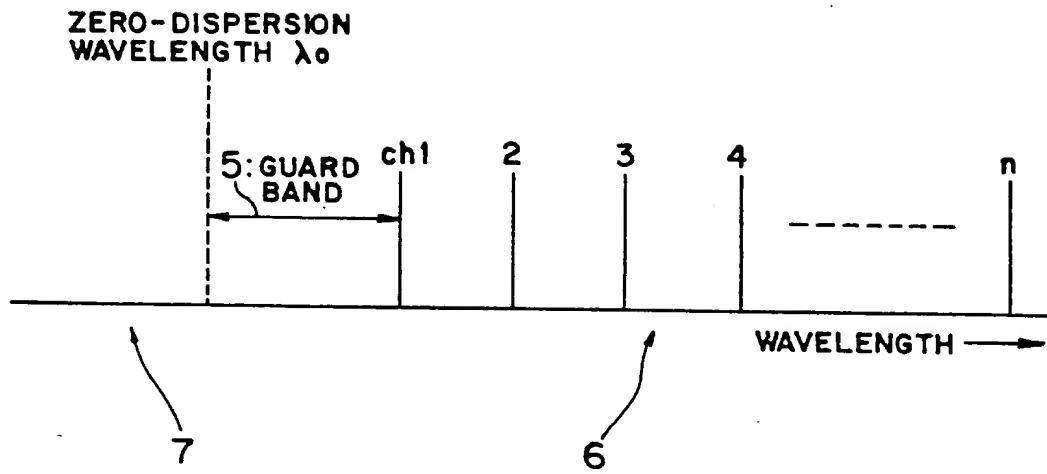


FIG. 2

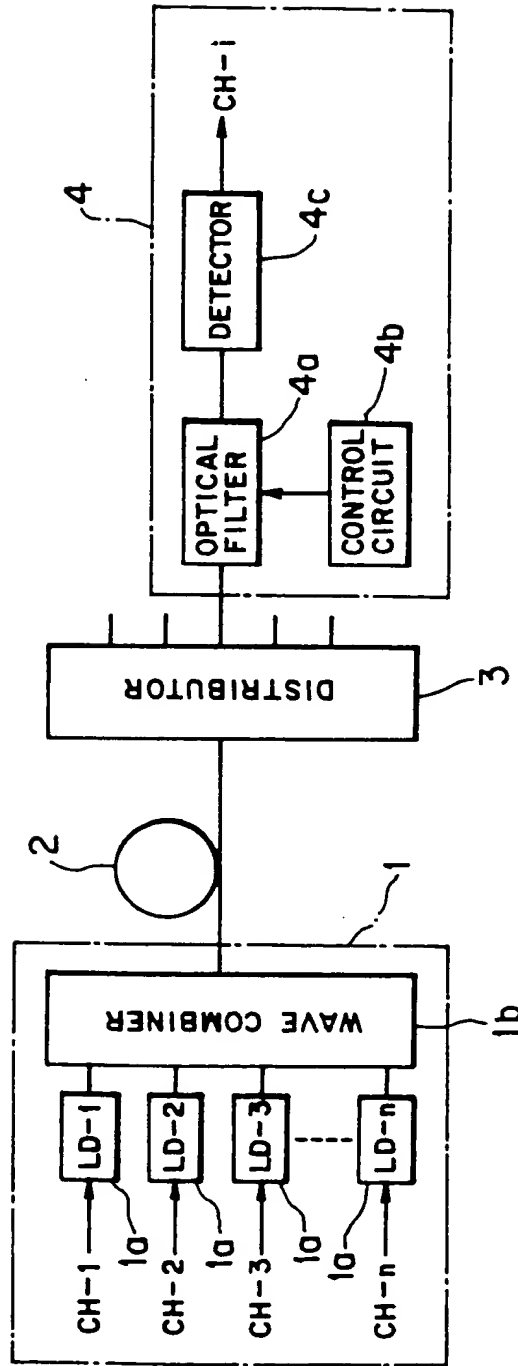




FIG. 3

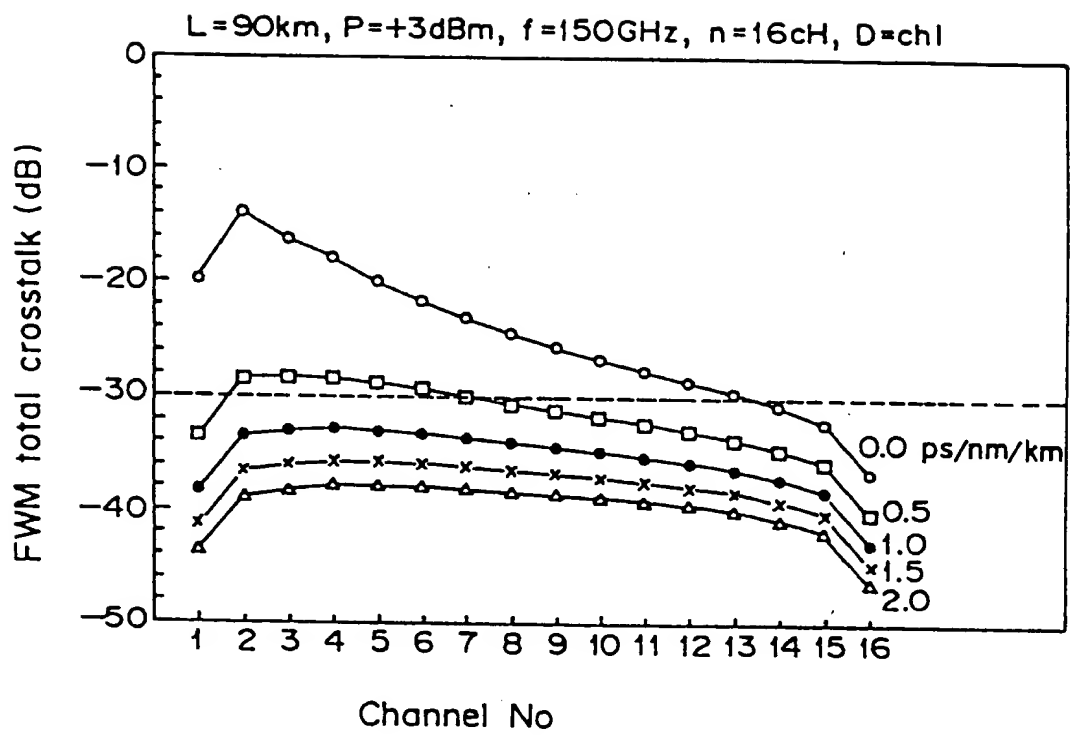




FIG. 4

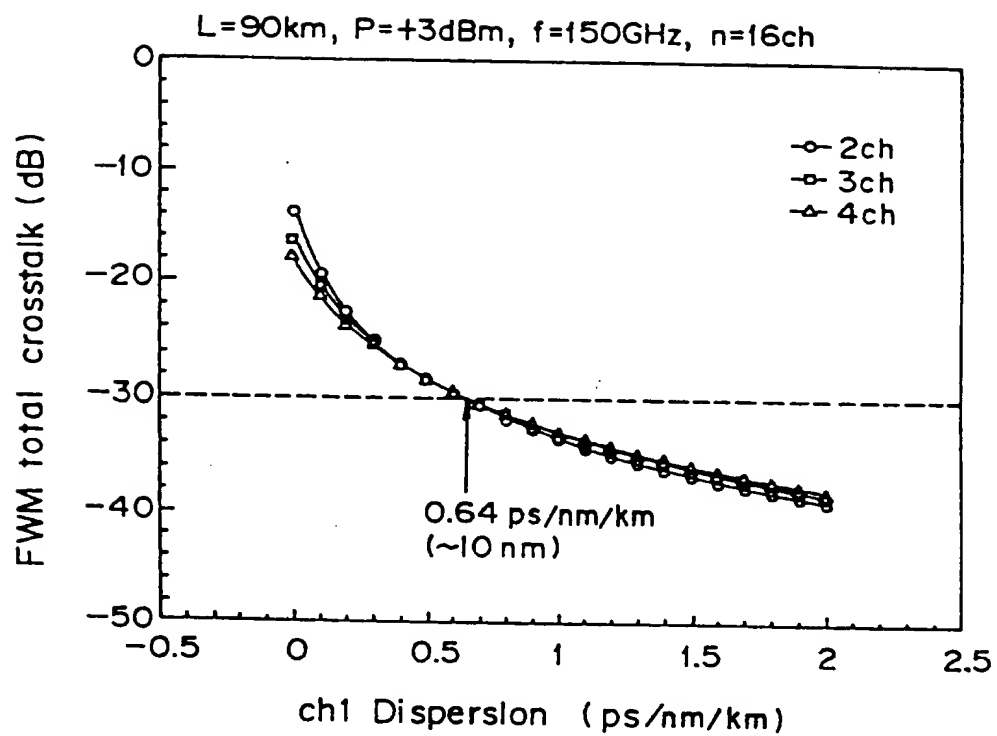


FIG. 5

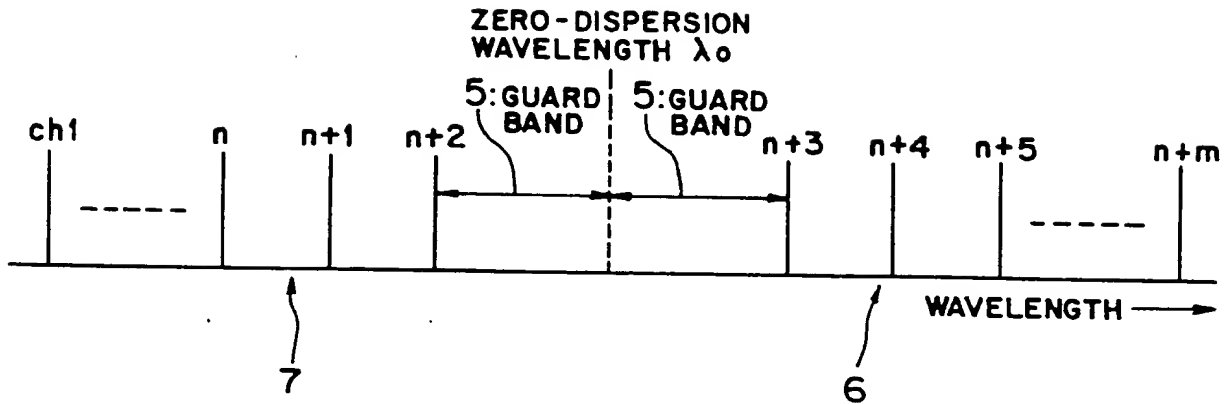


FIG. 6

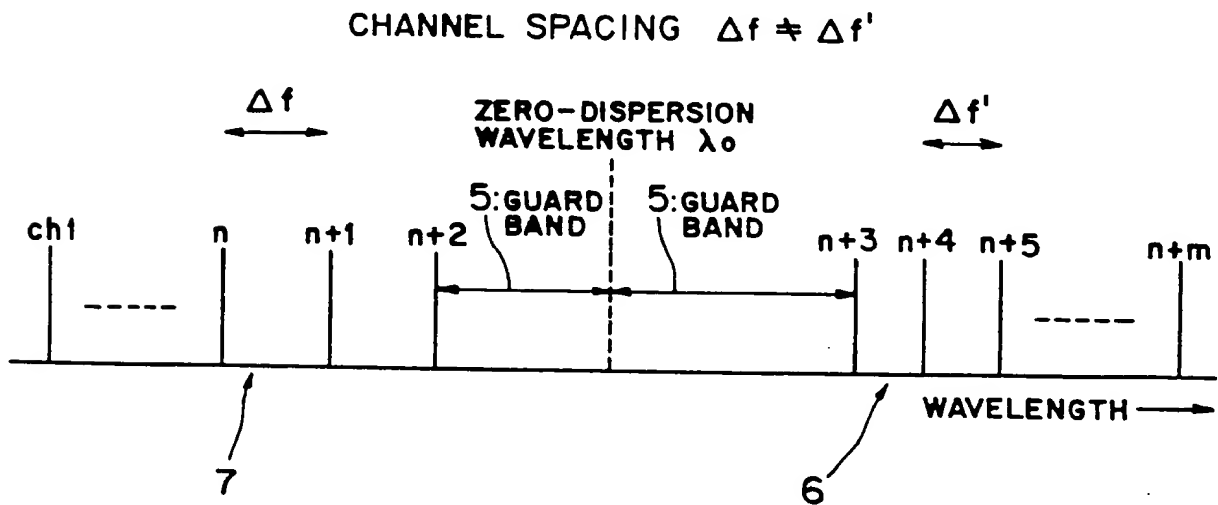




FIG. 7

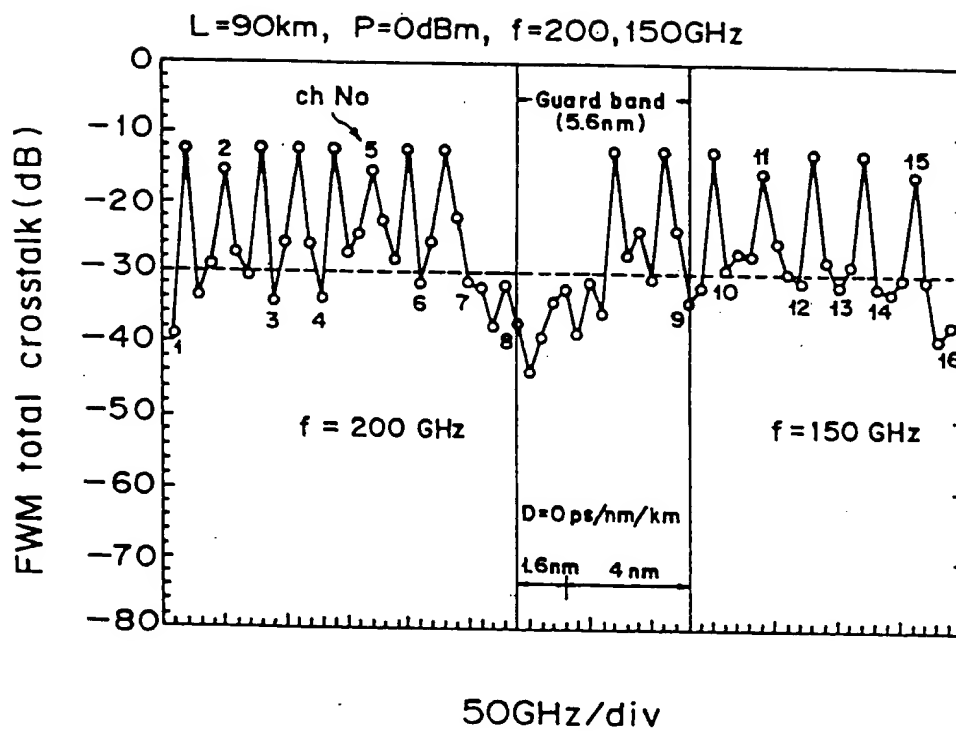


FIG. 8

CHANNEL SPACING $\Delta f = A \cdot X$ (A, B, C: INTEGERS
 X : CONSTANT)
 $\Delta f' = B \cdot X$
 $\Delta f'' = C \cdot X$

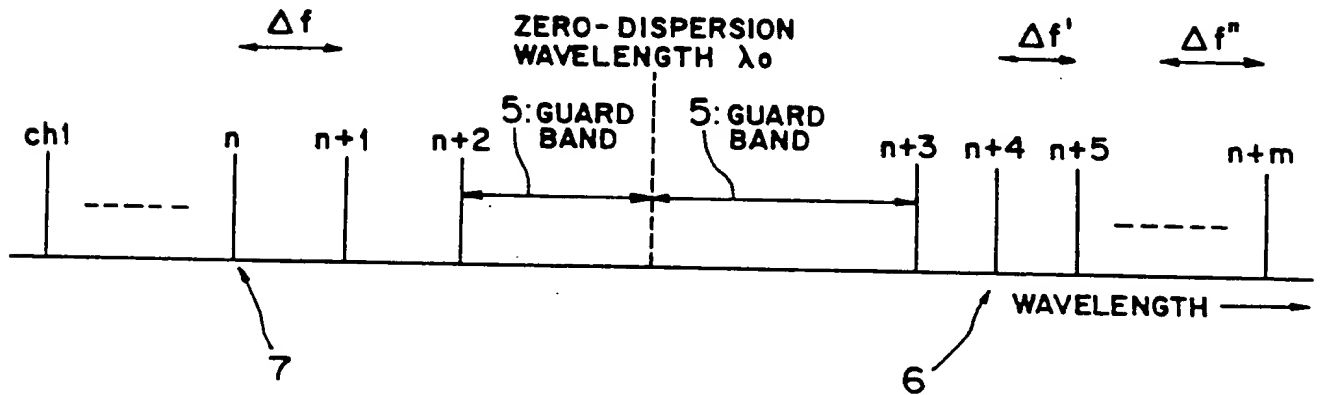


FIG. 9

WHERE OPTICAL FREQUENCY OF $ch_i = f$, SIGNAL LIGHT
 WAVES ARE SET SO AS TO SATISFY OPTICAL FREQUENCY
 OF $ch_j = f \pm A \cdot X$ (A: INTEGER, X: CONSTANT)

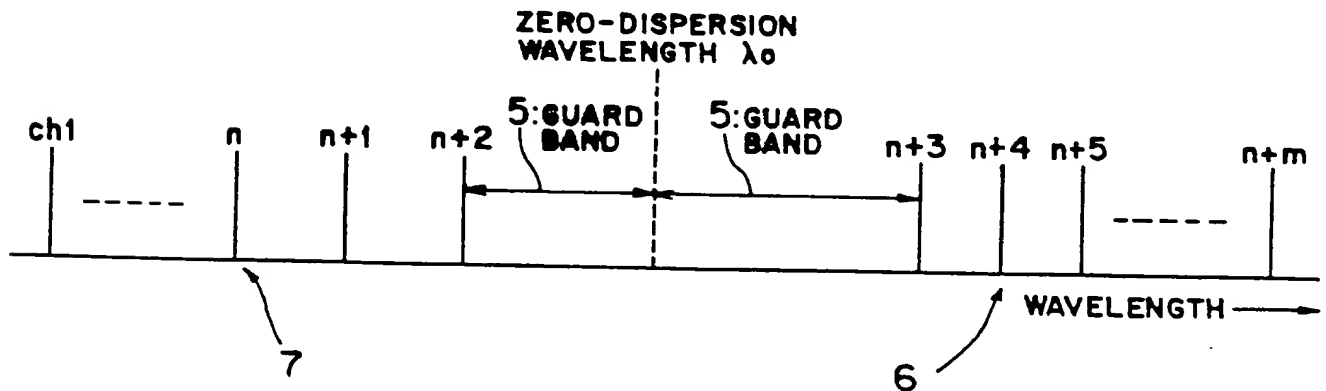




FIG. 10

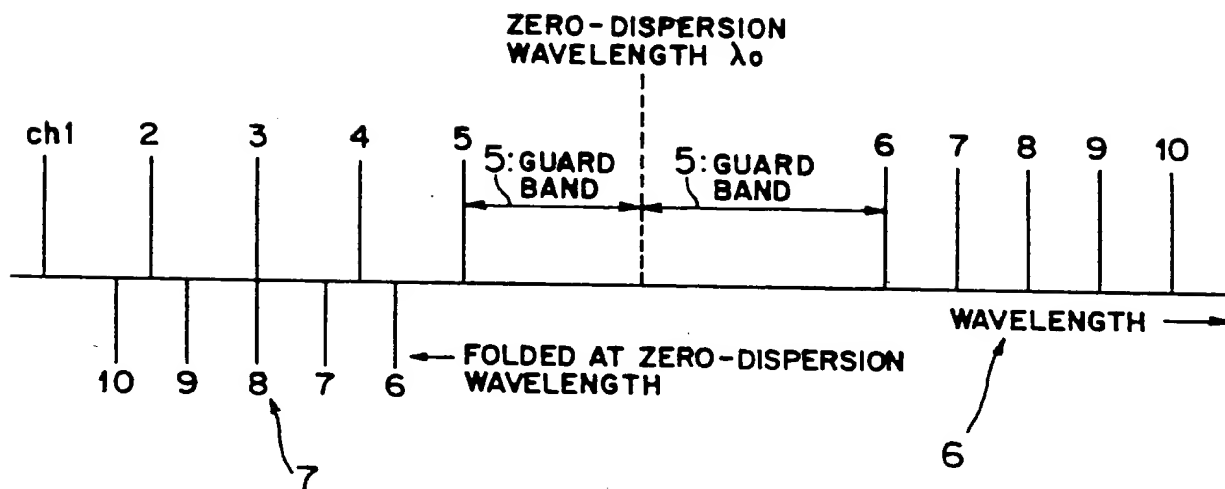




FIG. 11

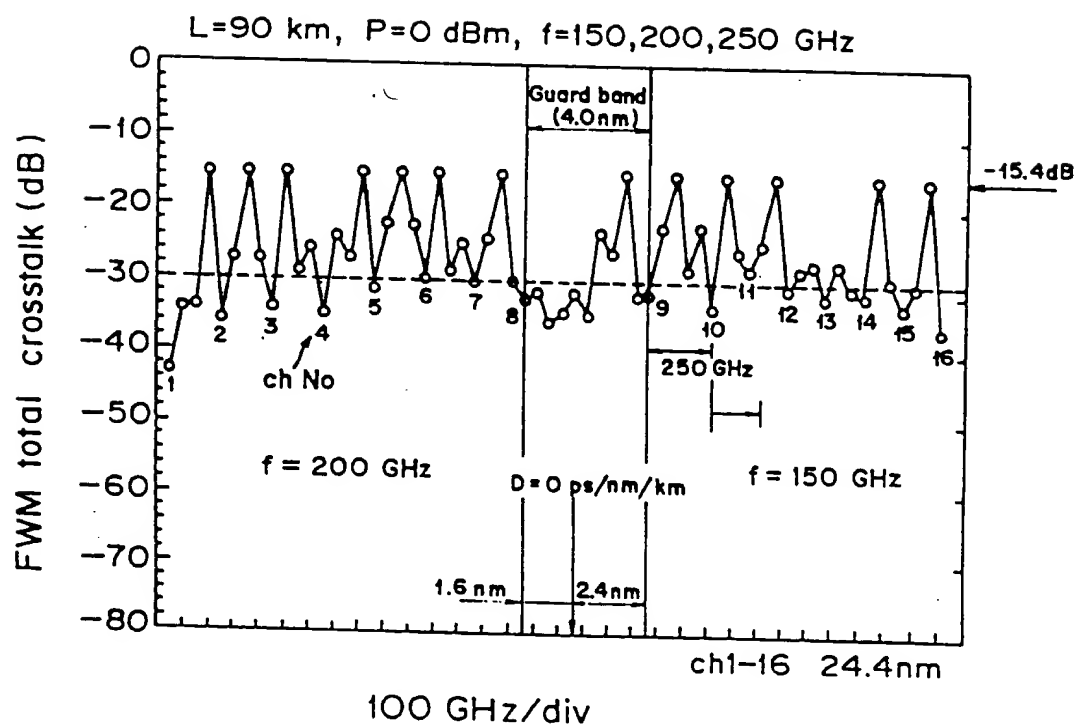




FIG. 12

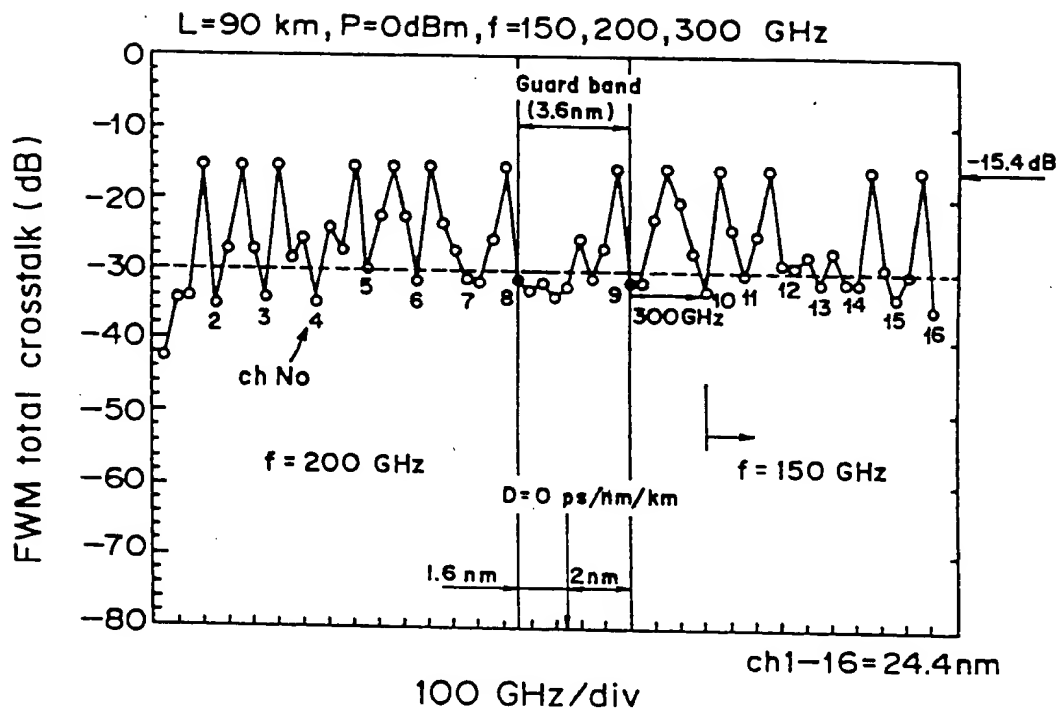


FIG. 13

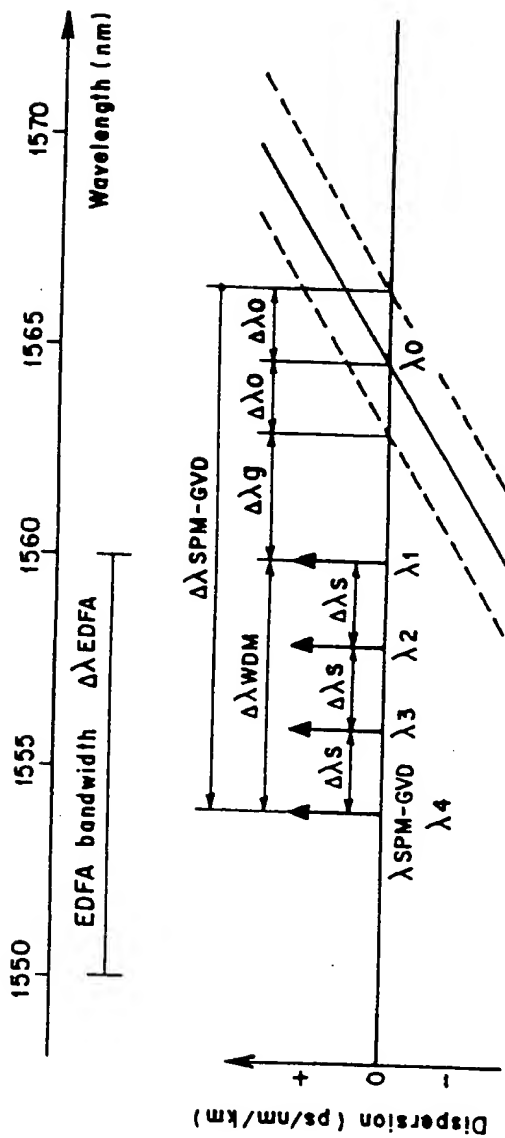


FIG. 14

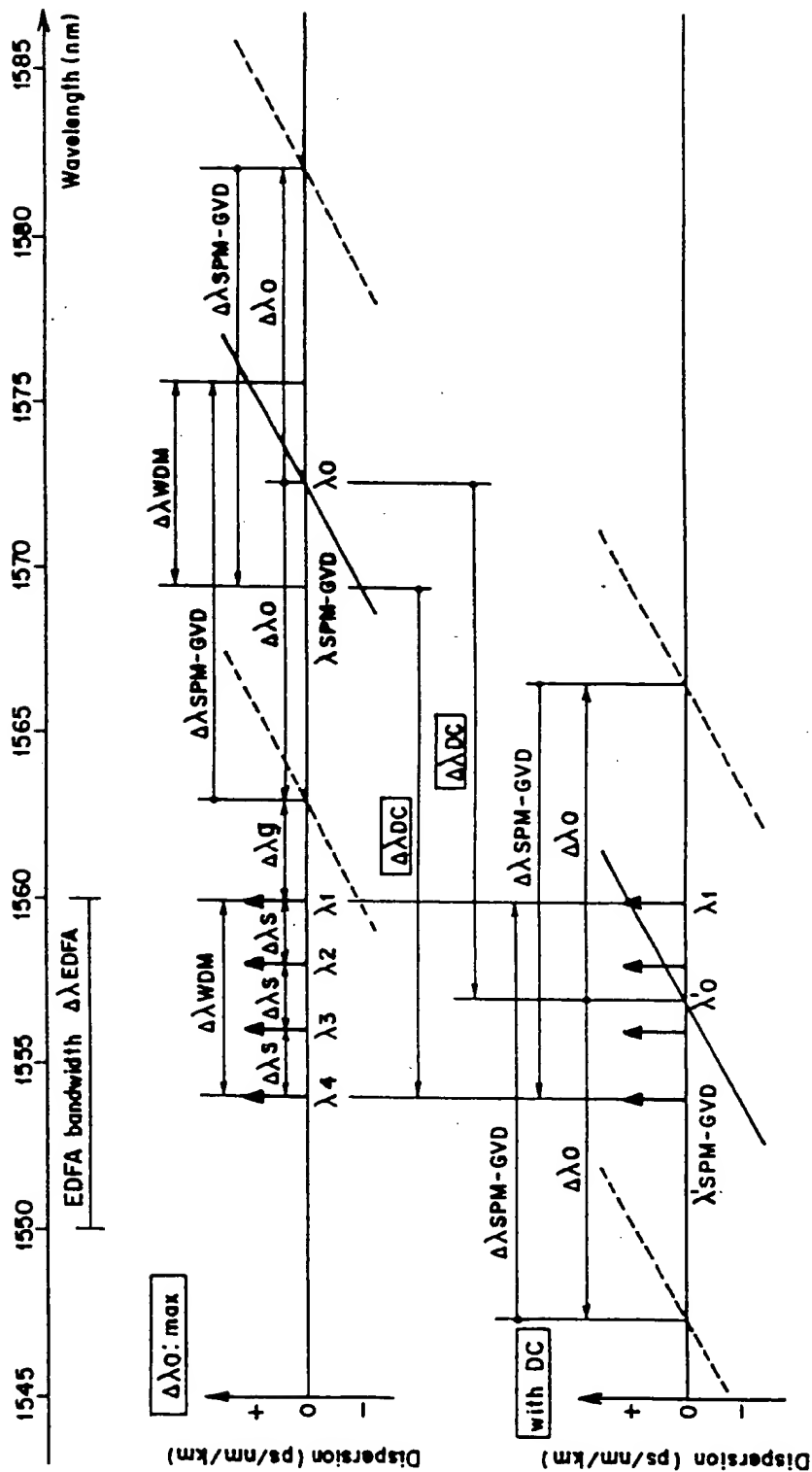


FIG. 15

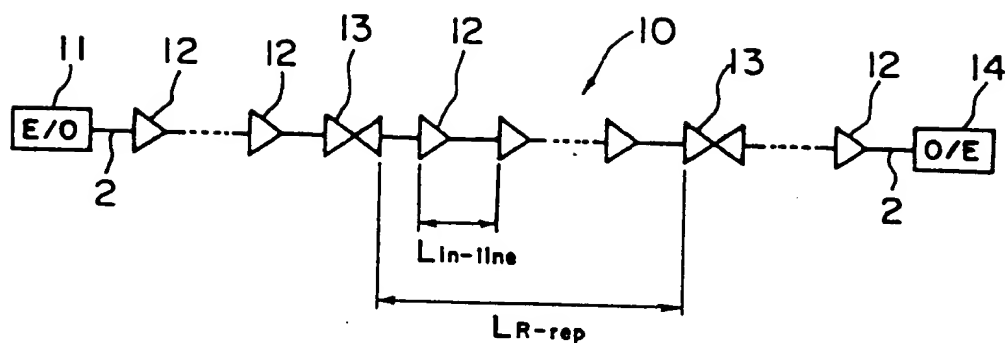


FIG. 16

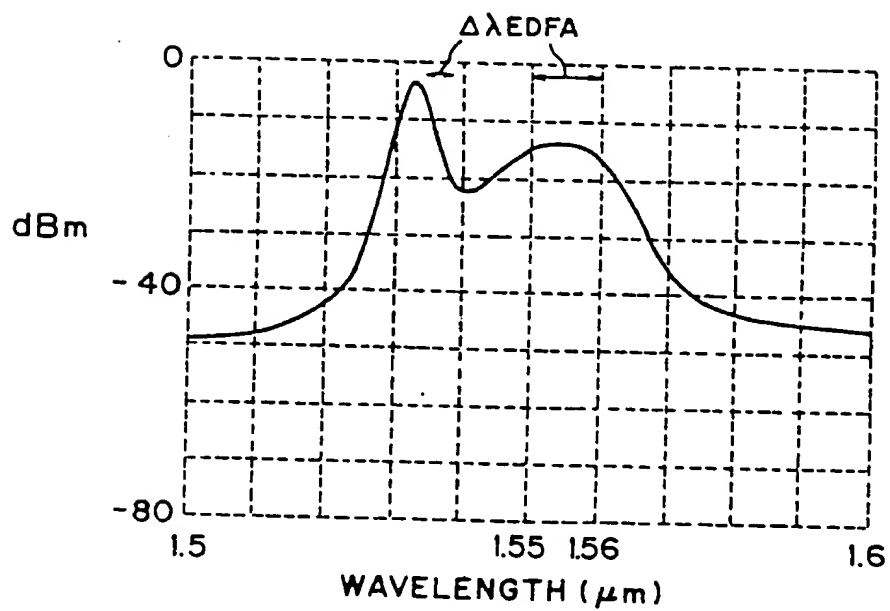




FIG. 17

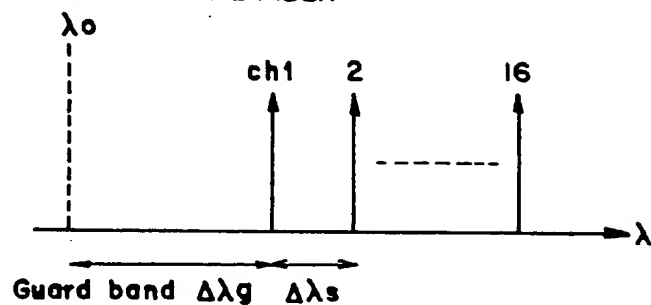
ZERO-DISPERSION
WAVELENGTH OF OPTICAL FIBER

FIG. 18

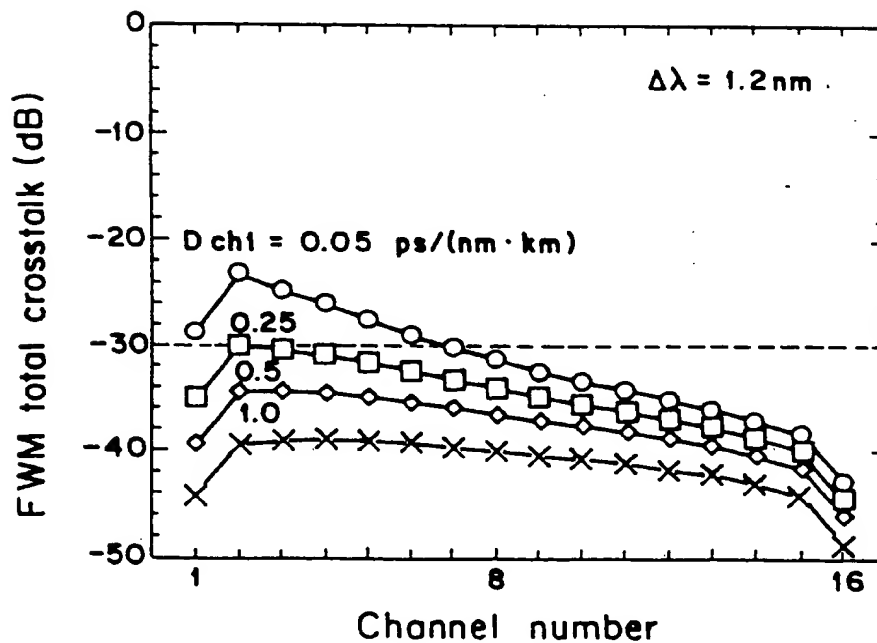
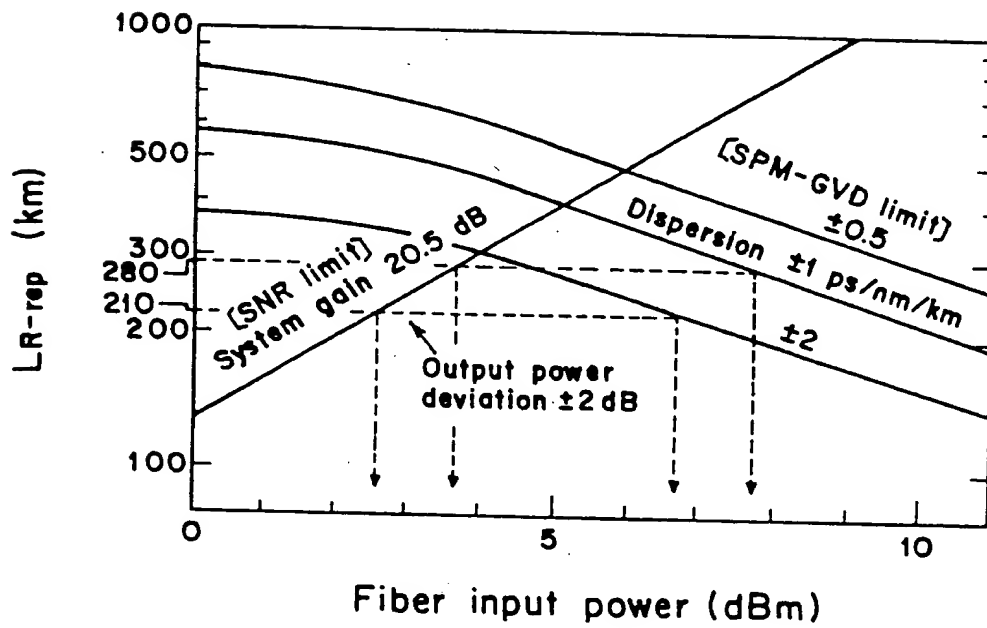




FIG. 19



10 Gb/s
 $L_{in-line} = 70$ km
Pre-chirping $\alpha = \pm 1$
NF = 8 dB

FIG. 20

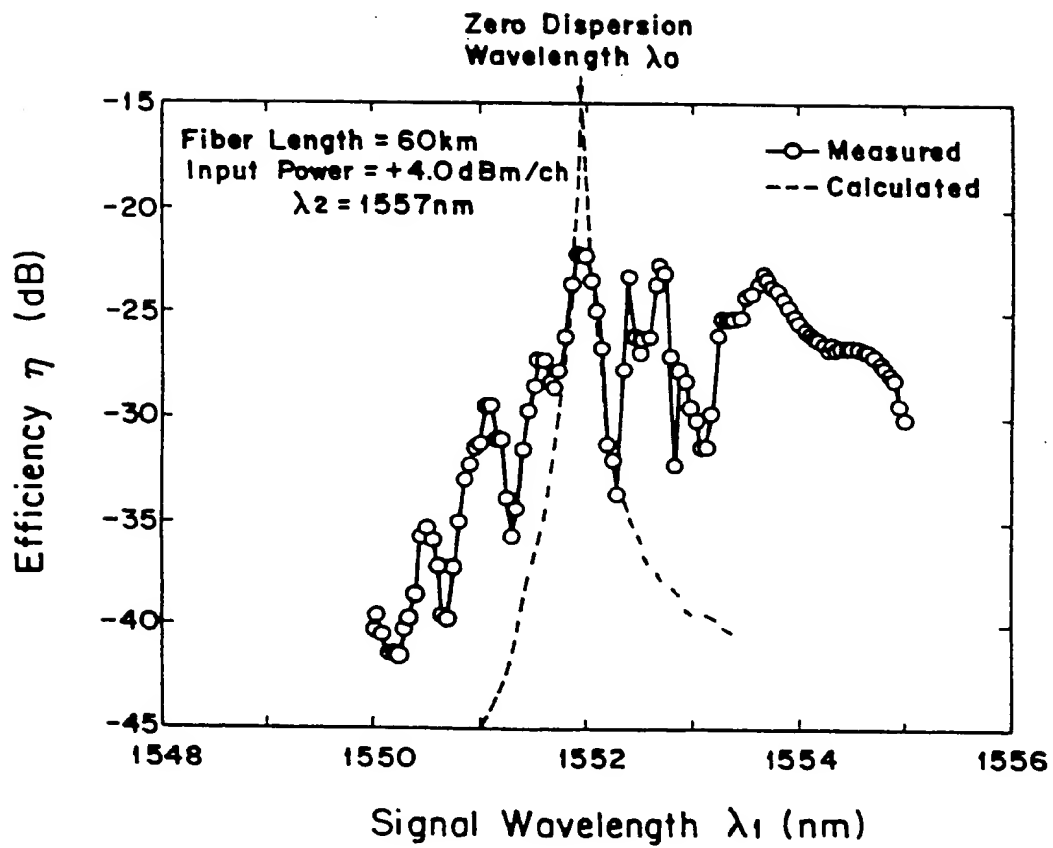




FIG. 21

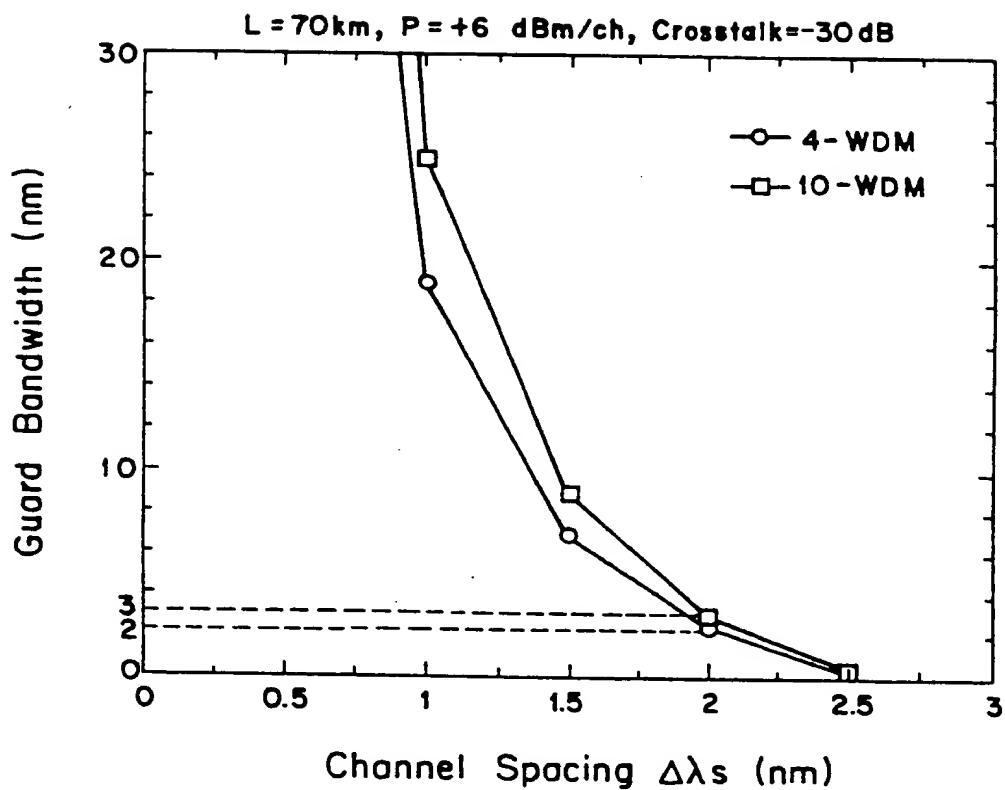


FIG. 22

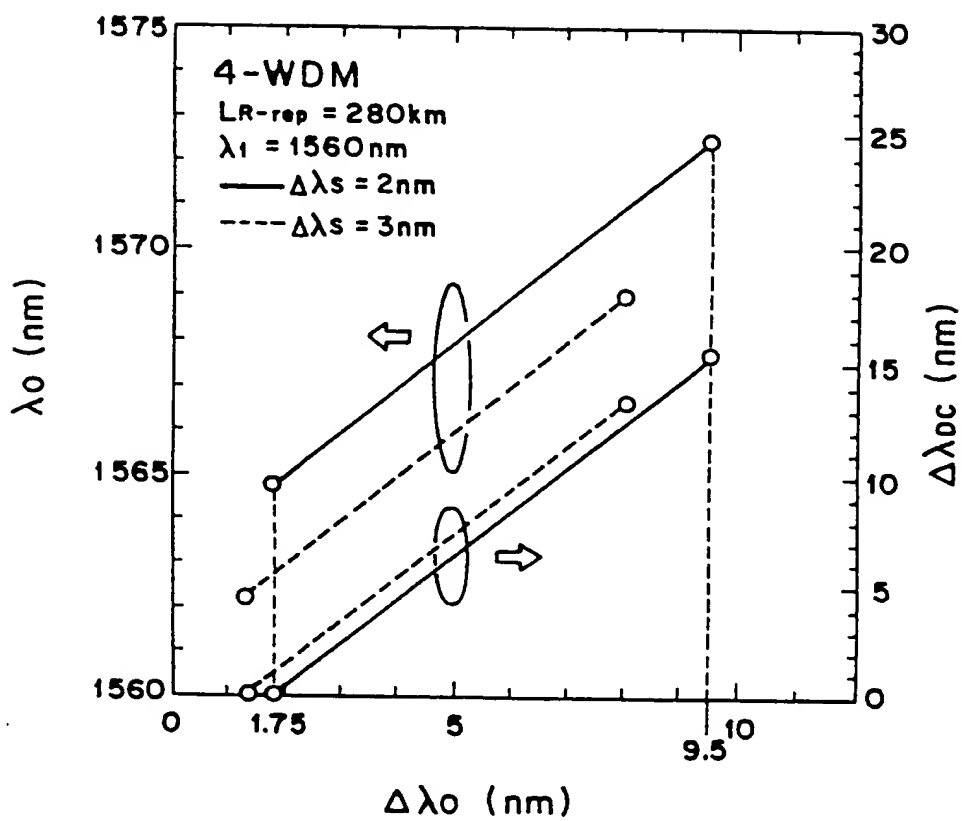


FIG. 23

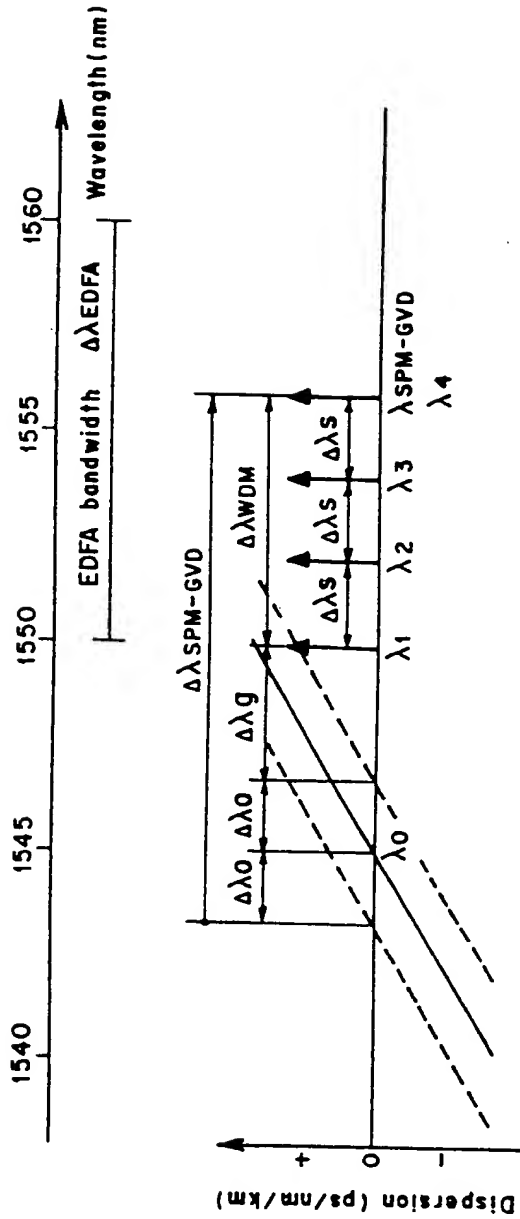


FIG. 24

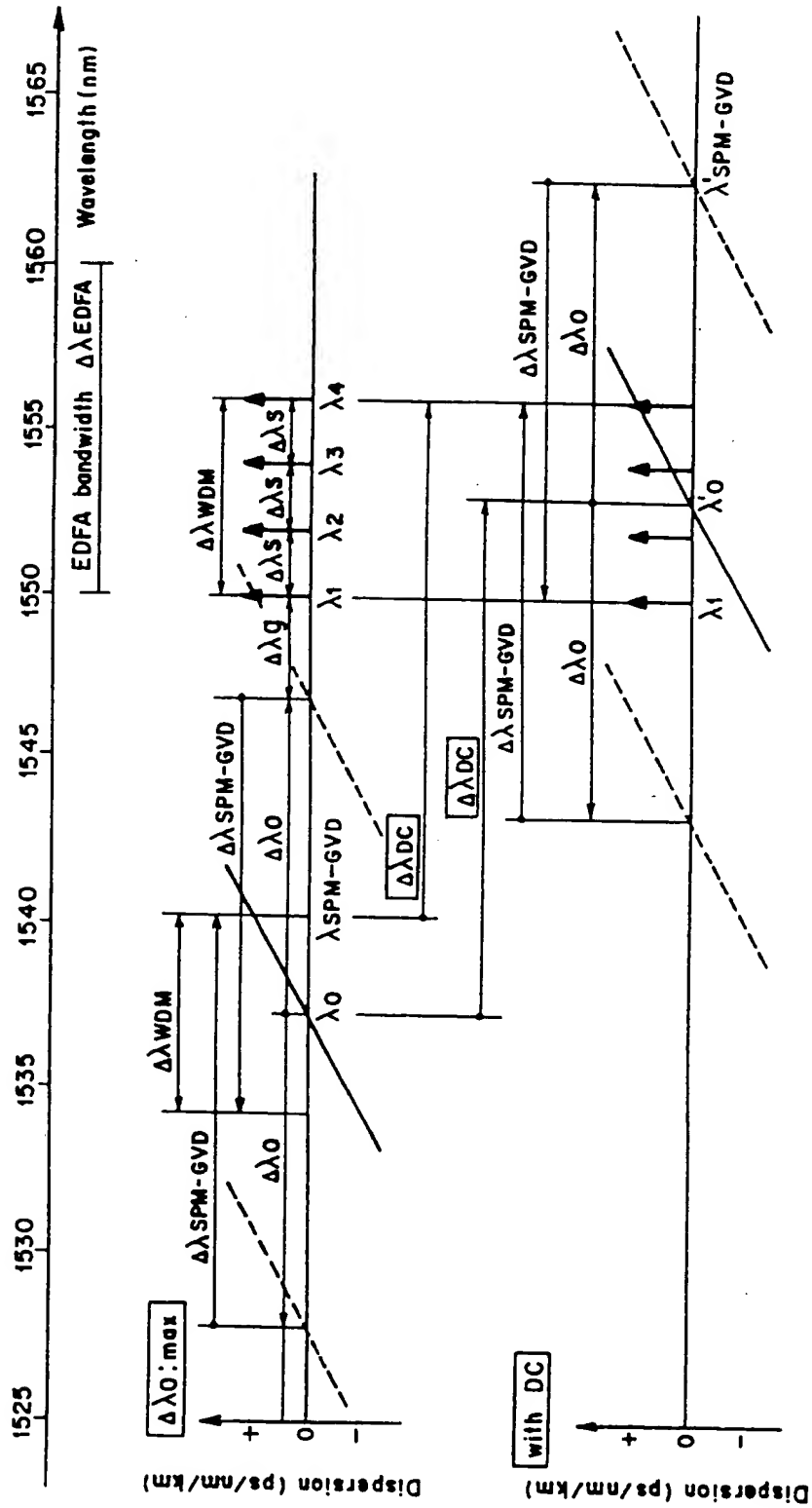


FIG. 25

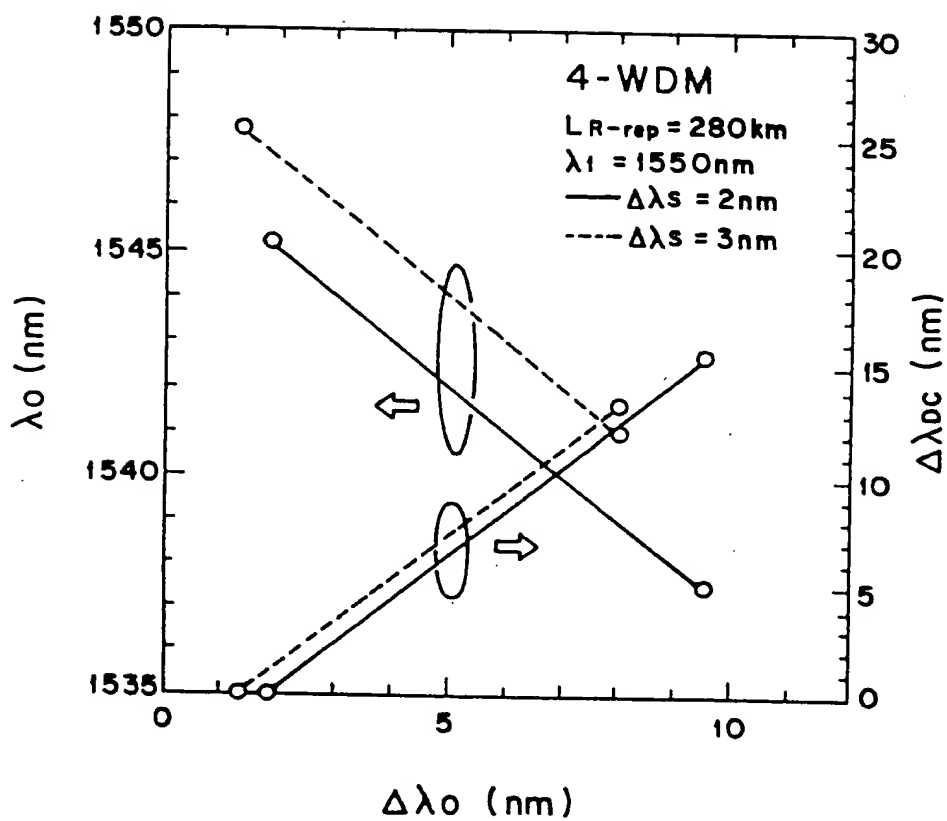


FIG. 26

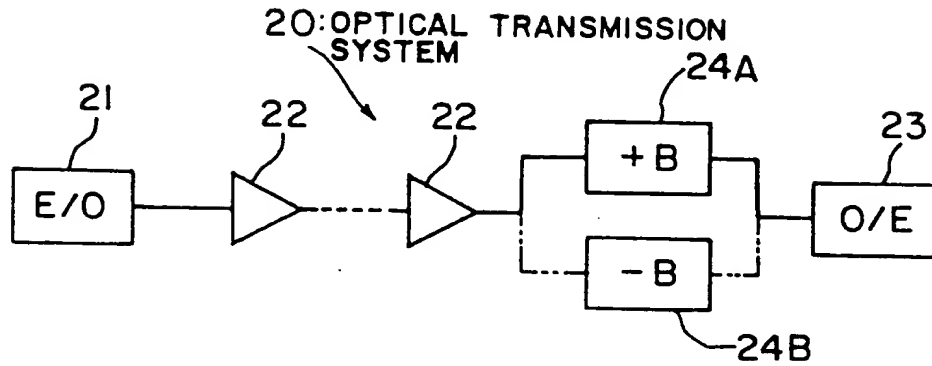


FIG. 27

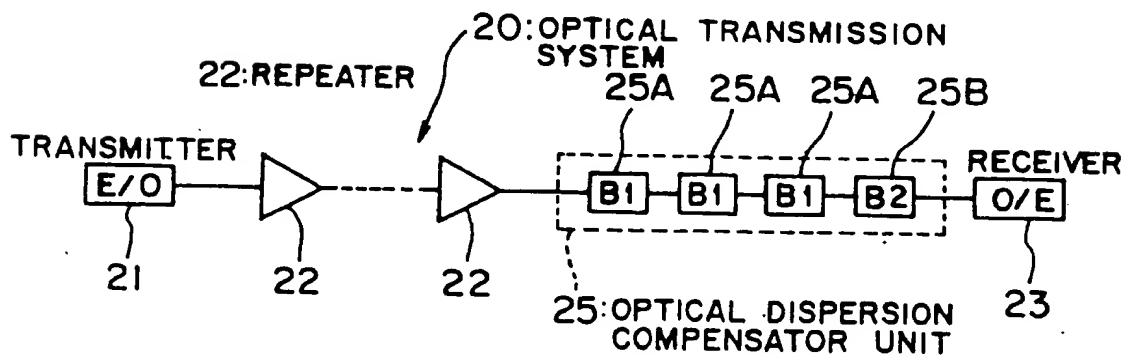


FIG. 28

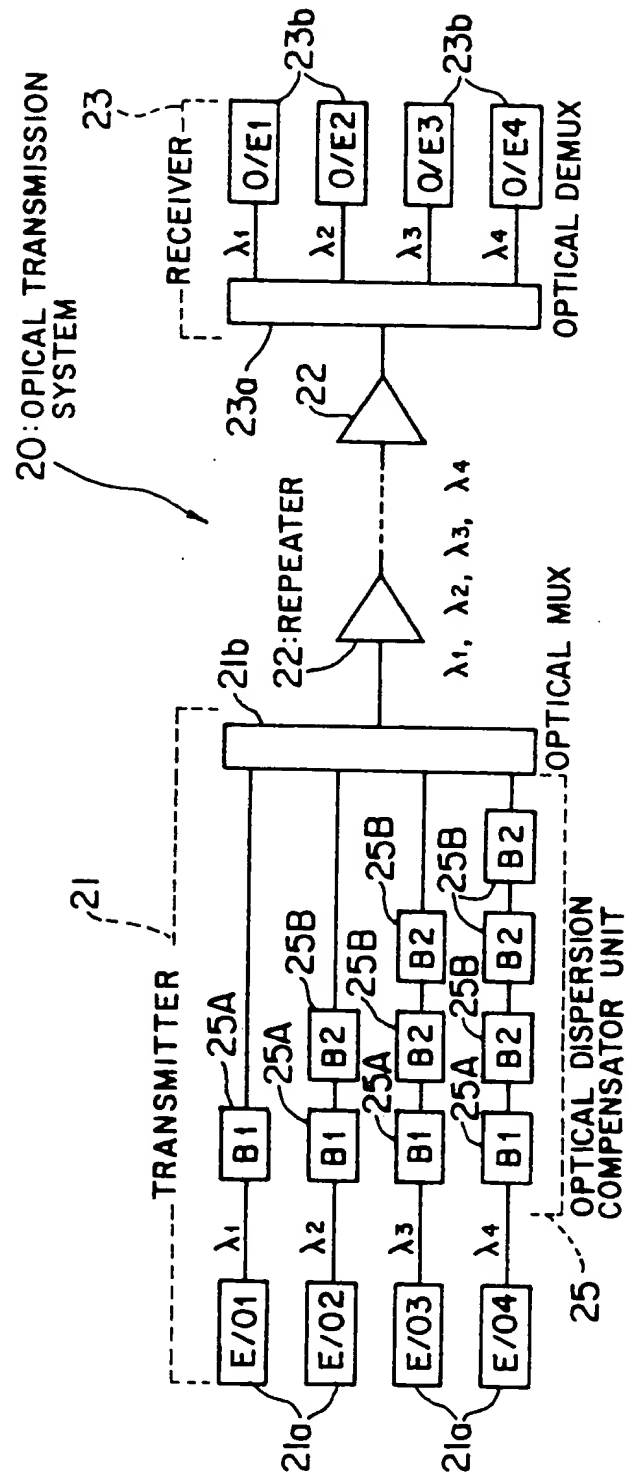


FIG. 29

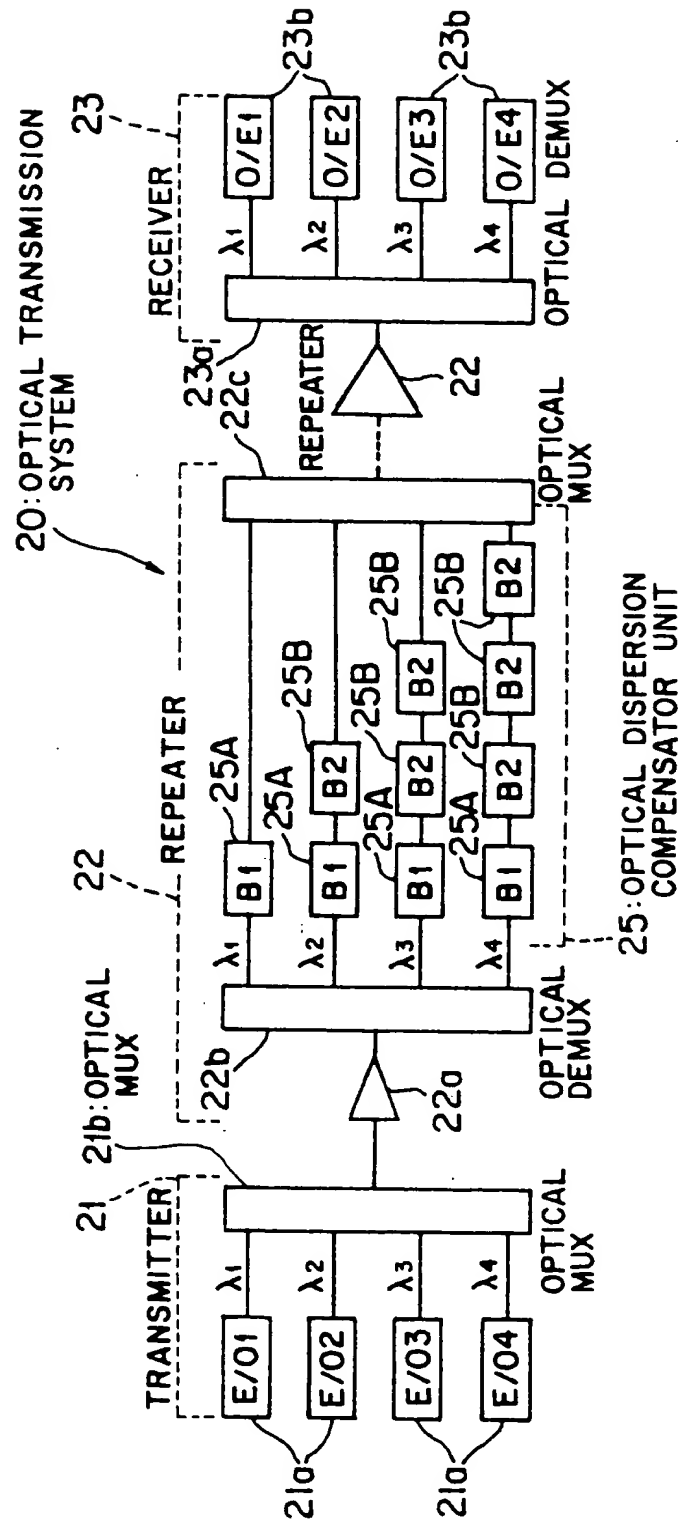


FIG. 30

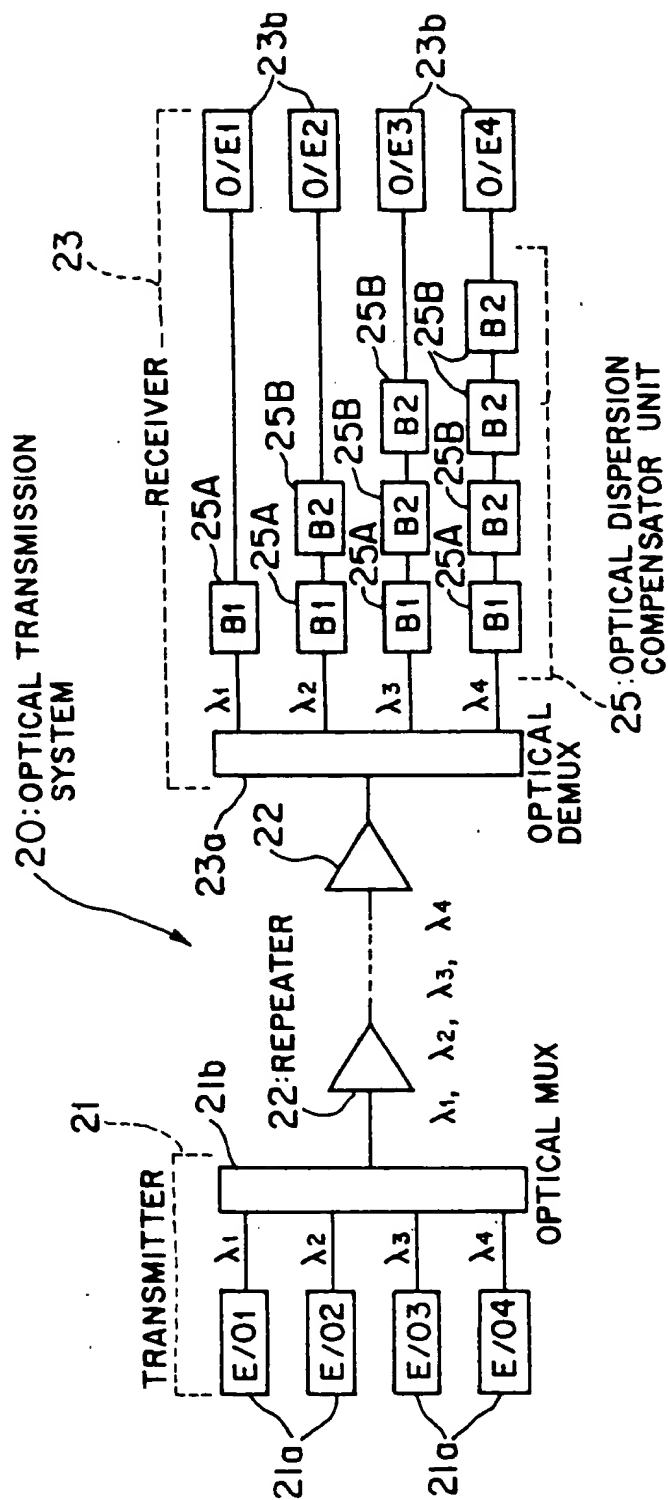


FIG. 31

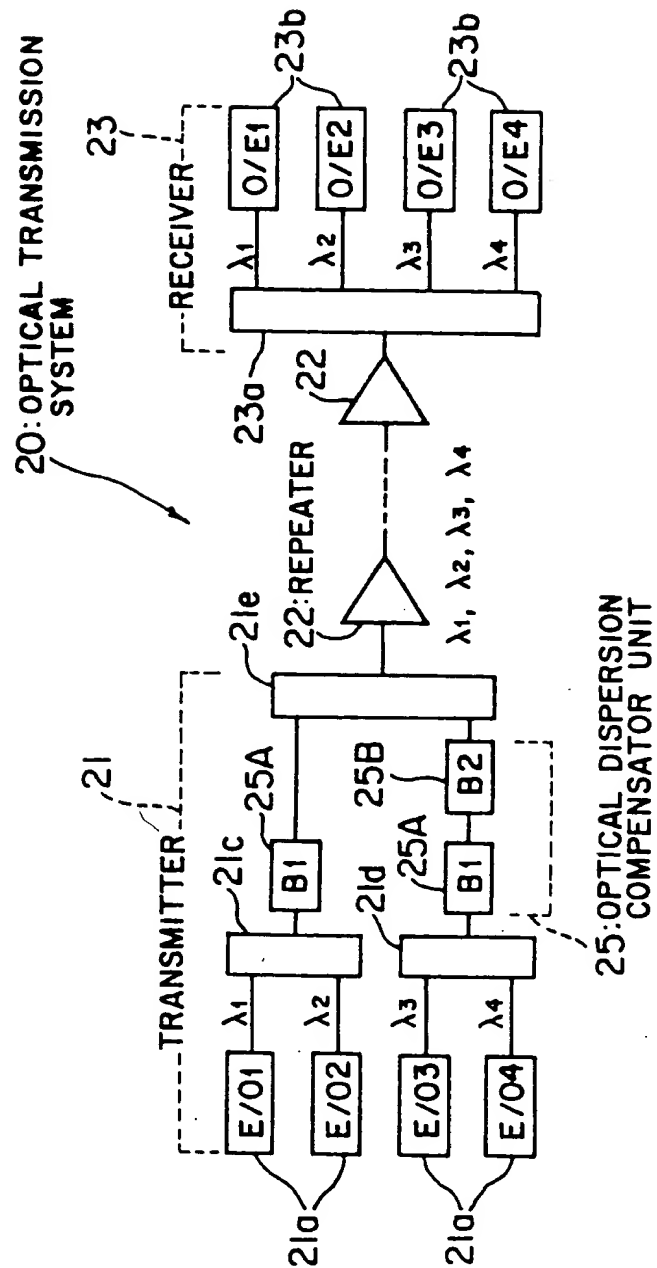


FIG. 32

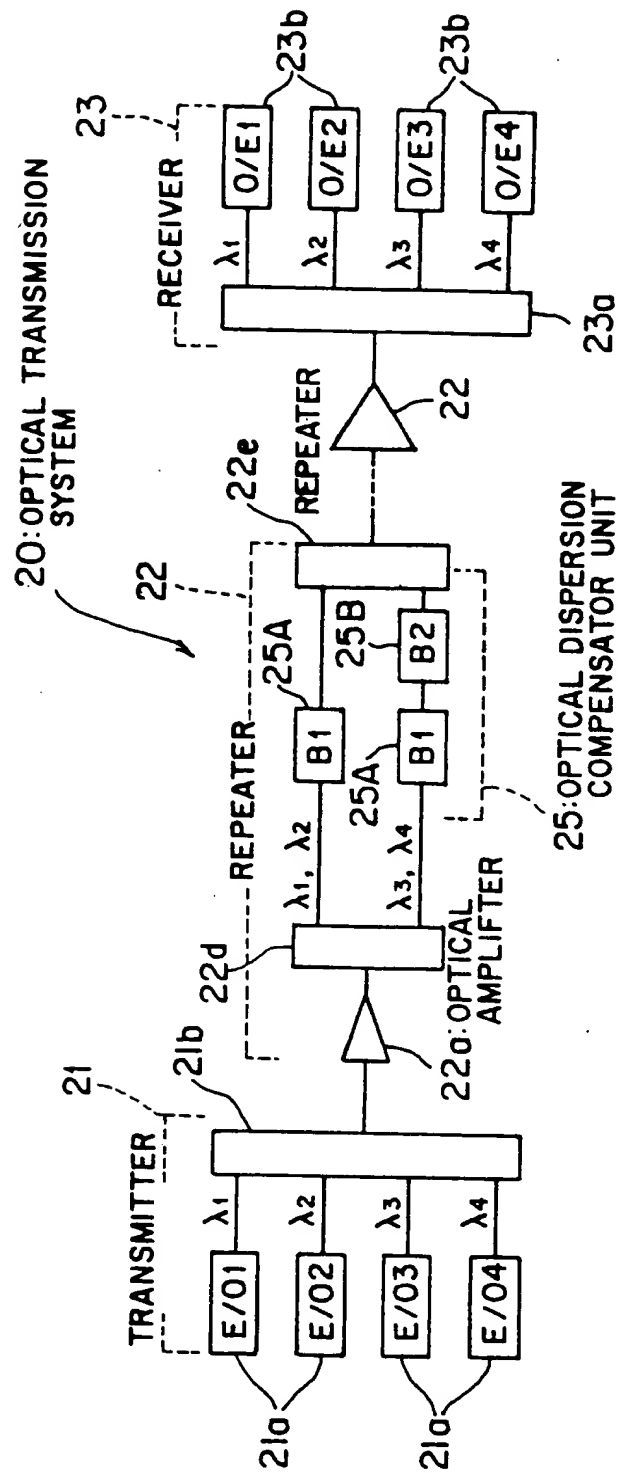


FIG. 33

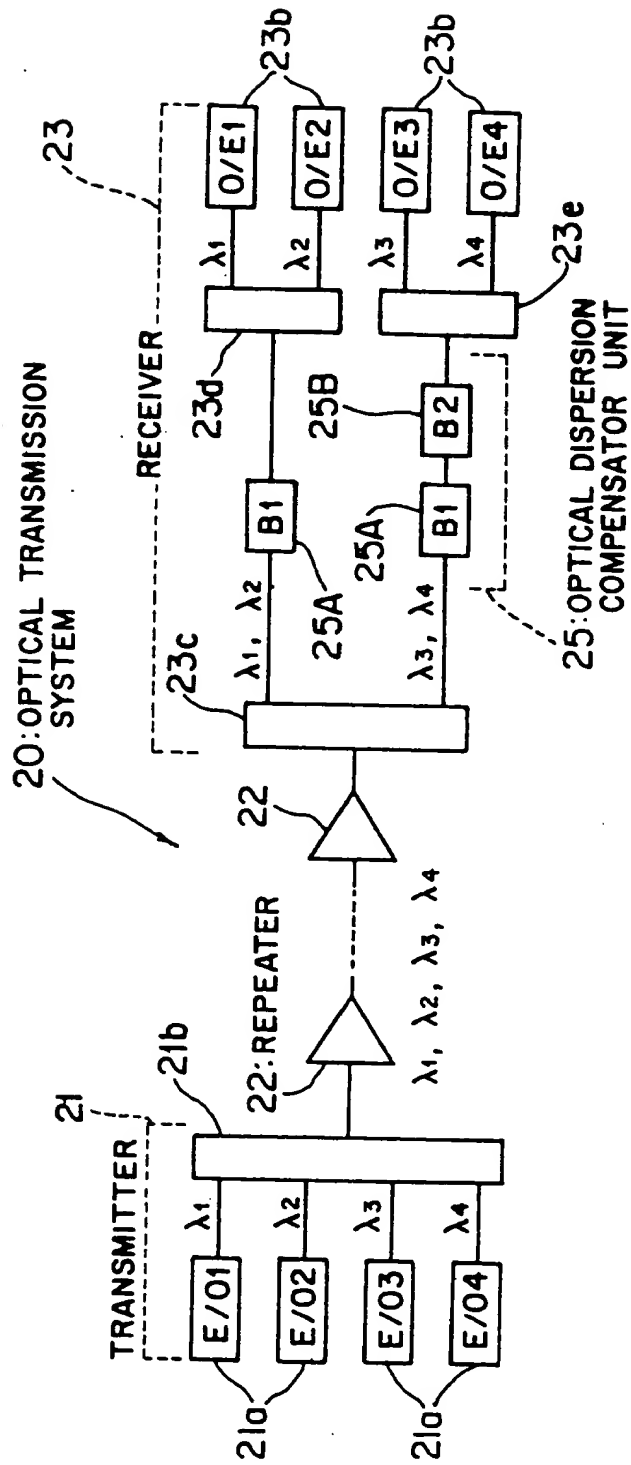


FIG. 34

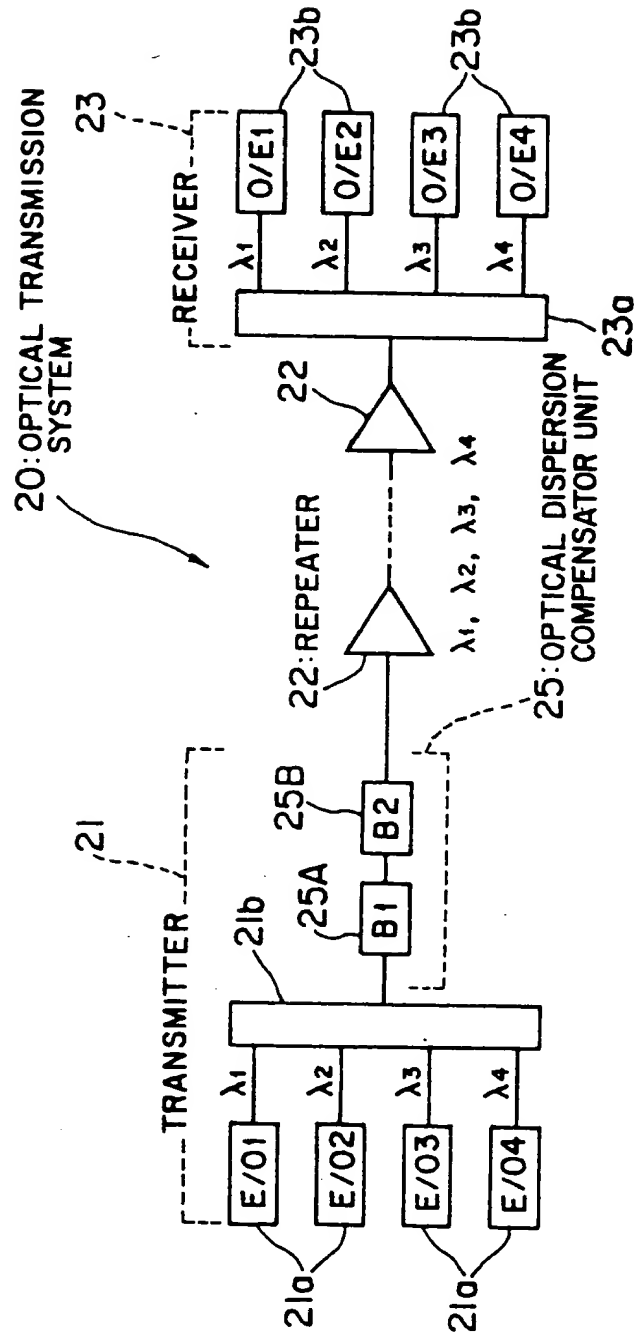


FIG. 35

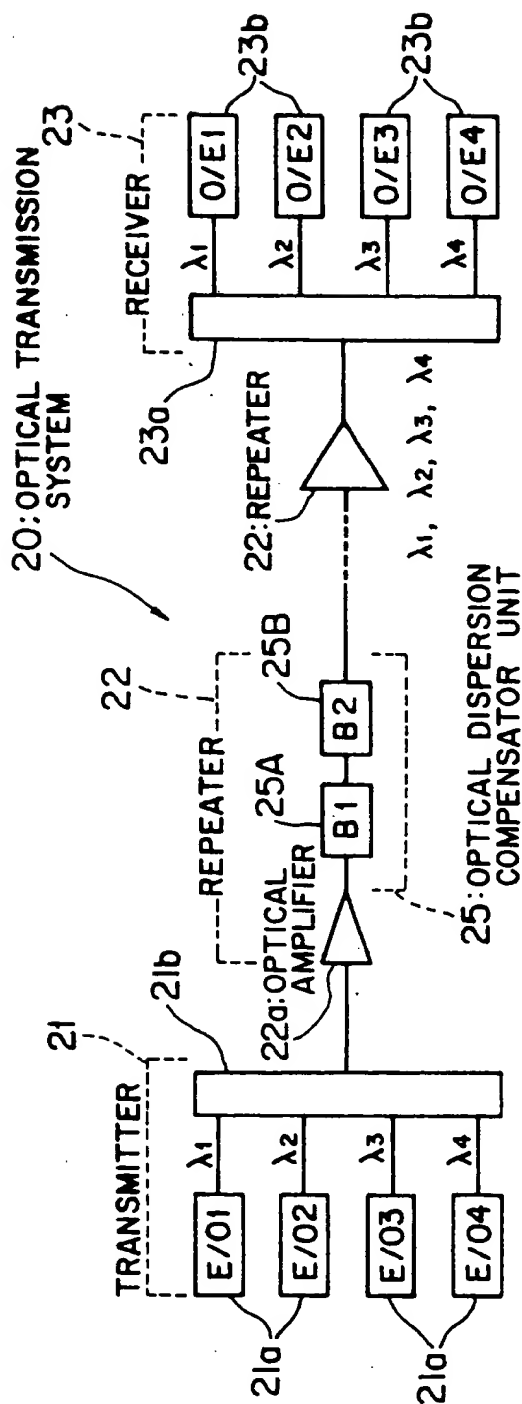


FIG. 37

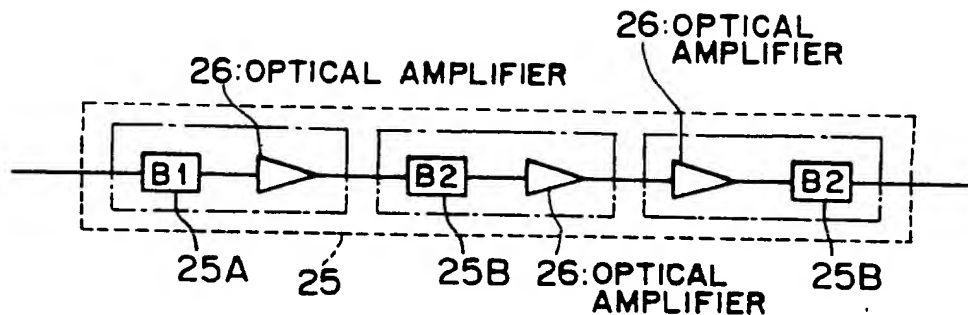


FIG. 38 (a)

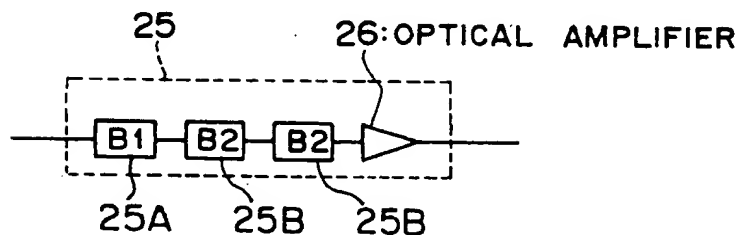


FIG. 38 (b)

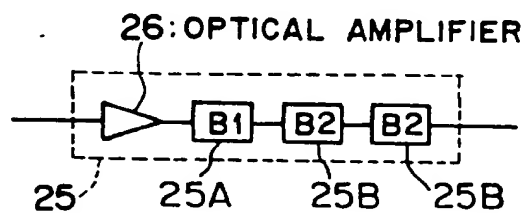


FIG. 39

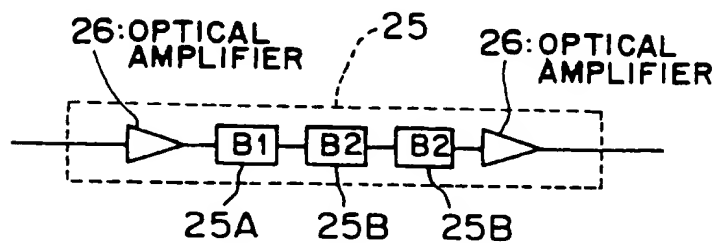


FIG. 40

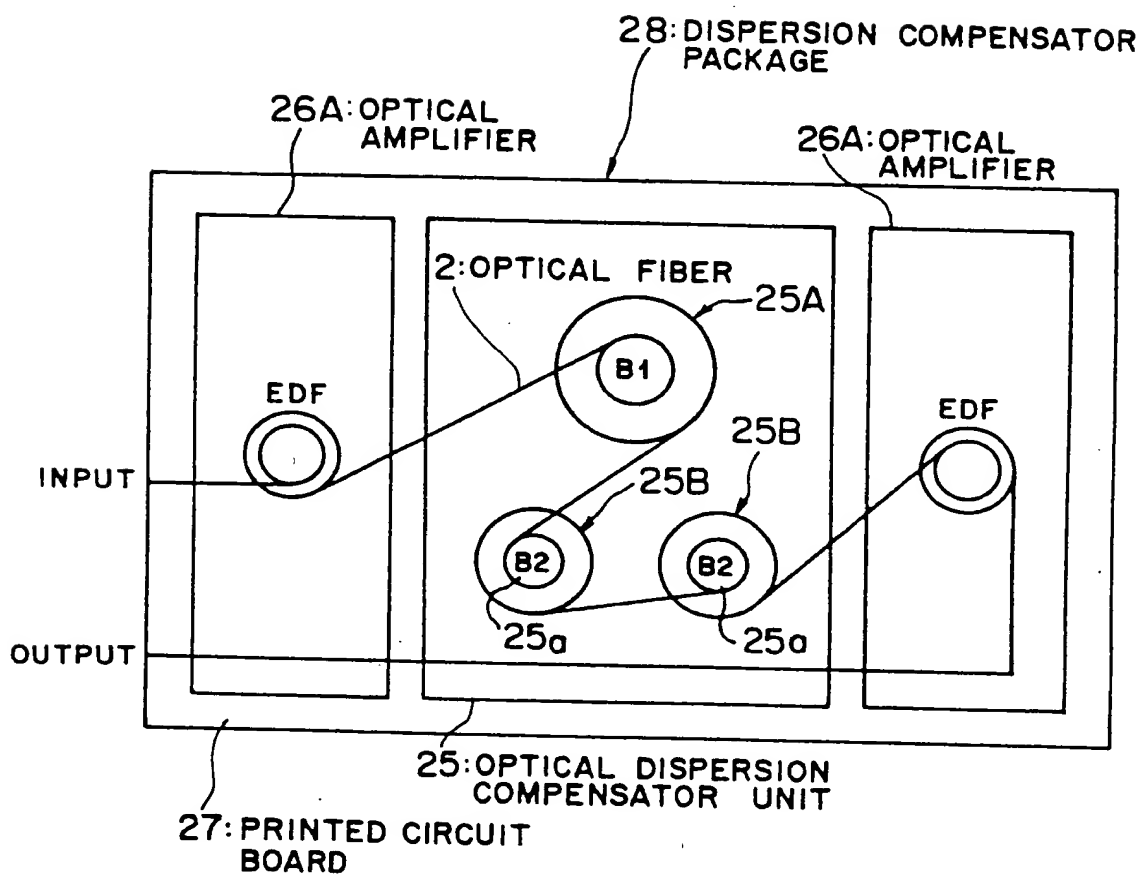


FIG. 41

32: OPTICAL DISPERSION
COMPENSATOR UNIT

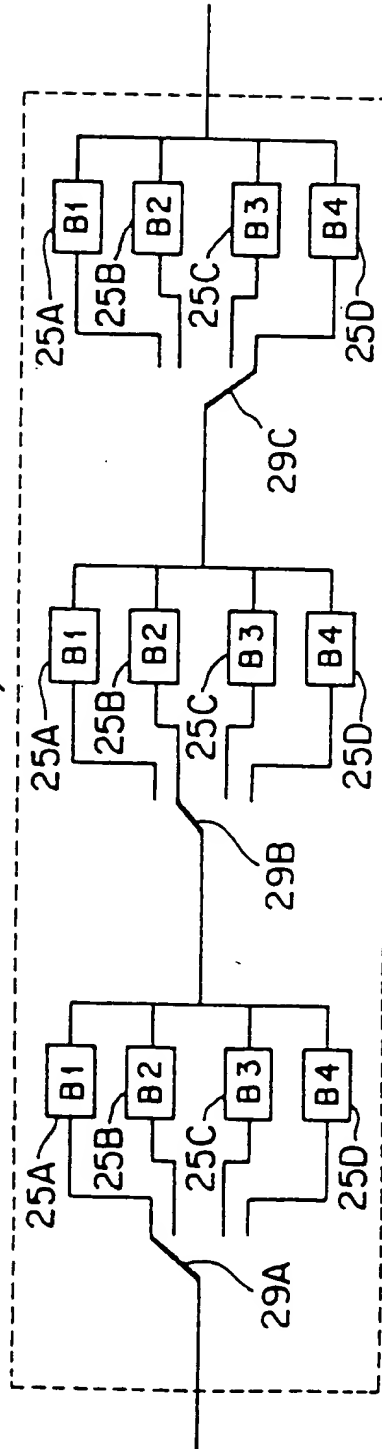


FIG. 42

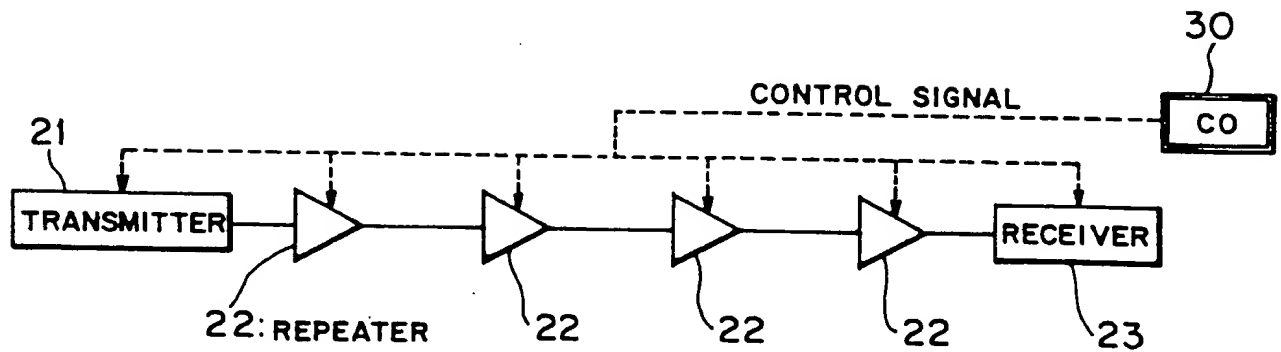


FIG. 43

